



SUBMITTAL DATA – **DUCTED**
MPB018S4S-1P – MMDB018S4-2P
 SINGLE ZONE MINI-SPLIT HEAT PUMP

Job: _____
Location: _____
Schedule No.: _____
System Designation: _____

Engineer: _____
Architect: _____
Date: _____
For: Reference Approval Review Construction

FEATURES

Outdoor Unit: MPB018S4S-1P



- DC Inverter Control
- Compressor Overcurrent Protection
- Base Dancer
- Defrost Control

Indoor Unit: MMDB018S4-2P



- Auxiliary Heat Function
- Auto Restart
- Built-In Condensate Pump
- Three Selectable Fan Speeds
- Flare Connections
- LED Readout Panel
- Wired Remote Controller Included

PIPING

Line Set and Elevation Guidelines	
Maximum Line Set Length ft. (m)	98 ft. (30 m)
Maximum Elevation - Outdoor Unit Below/Above Indoor Unit ft. (m)	66 ft. (20m)
Liquid Line Set Diameter (in.)	1/4
Gas Line Set Diameter (in.)	1/2
Pre-Charged (ft.)	25
Additional Charge of Refrigerant (oz/ft.)	0.16

PRODUCT WARRANTY

Compressor – Twelve year limited warranty*
 All other covered components - Twelve year limited warranty*
 *Product registration required

OPTIONAL ACCESSORIES

Hail Guards (M9GARD15Q-1)
 Programmable Controller (M0STAT64Q-1)



NOTE – Due to Lennox' ongoing commitment to quality, Specifications, Ratings, and Dimensions are subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.



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OUTDOOR SPECIFICATIONS

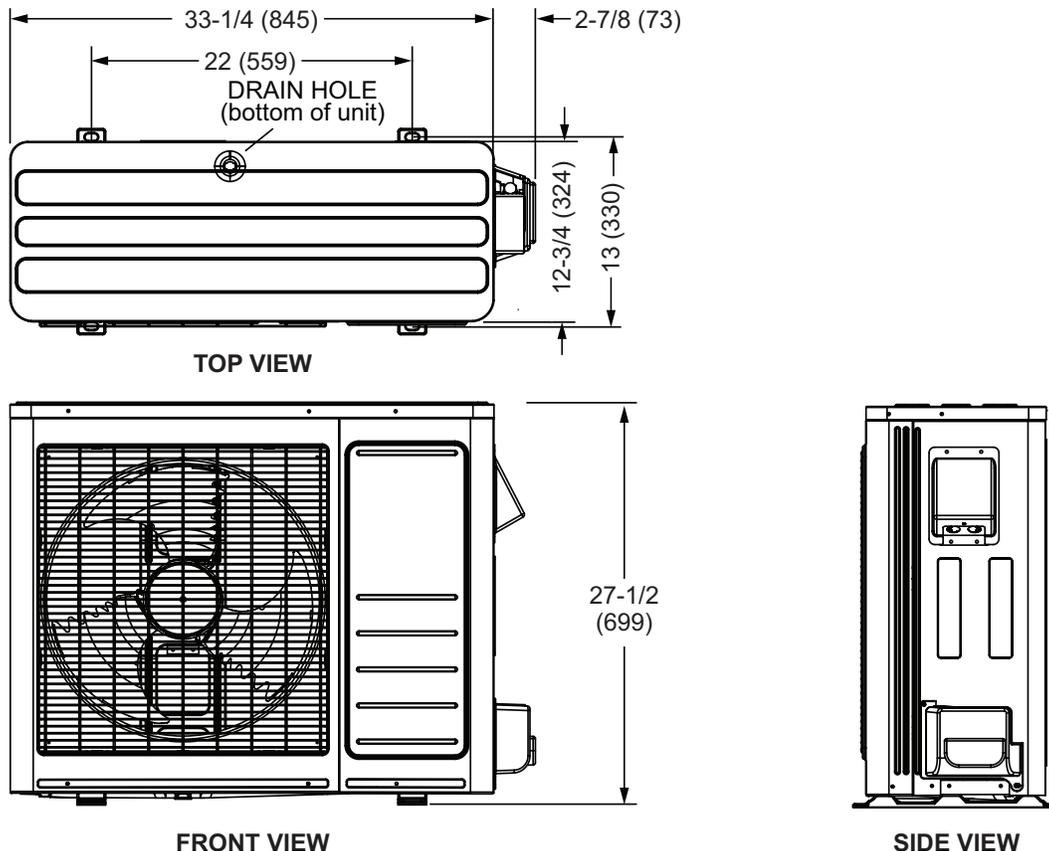
PERFORMANCE	
Cooling Capacity (Btu/h) ¹	18,000
EER	12.5
SEER	19.0
Heating Capacity (Btu/h) ¹	18,000
HSPF	10.5
Outdoor Fan Total Air Volume (CFM)	1,470
Ambient Temperature Operating Range	
Cooling	-13°F - 122°F
Heating	-13°F - 86°F
ELECTRICAL DATA	
Power Supply (V/Hz/Φ)	208-230/60/1
Minimum Circuit Ampacity (A)	15
Maximum Overcurrent Protection (A)	20
Outdoor Fan Motor RLA (A)	0.6
Compressor RLA (A)	10.5
No. of Compressors	1

GENERAL DATA		
Connection Ratio (%)	100%	
Max. # of Indoor Units	1 unit	
Sound Data (dBA) - Cooling/Heating	60/60	
Refrigerant type	R-410A	
Factory refrigerant charge	4 lbs. 5 oz.	
DIMENSIONS		
Unit Dimensions (in)	Height	27-1/2
	Width	33-1/4
	Depth	13
Shipping Weight (lb)	113	
Net Weight (lb)	107	

NOTES

1. Cooling and Heating Capacity data is rated at the following conditions:
 Cooling: 80°FDB / 67°FWB Indoor, 95°FDB Outdoor
 Heating: 70°FDB Indoor, 47°FDB / 43°FWB Outdoor

OUTDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



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INDOOR SPECIFICATIONS

PERFORMANCE		
Airflow (CFM)	High	505
	Medium	430
	Low	350
External Static Pressure (in. w.g.)		0 - 0.40
Sound Pressure (dBA)	High	39
	Medium	37
	Low	35

ELECTRICAL DATA

Power Supply (V/Hz/Φ)	Supplied by ODU
Rated load amps (RLA)	1.2
Power Output (W)	160

DIMENSIONS

Unit Dimensions (in)	Height	8-1/4
	Width	37-7/8
	Depth	26-1/2

Unit Net/Shipping Weight (lb)	54/66
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PIPING

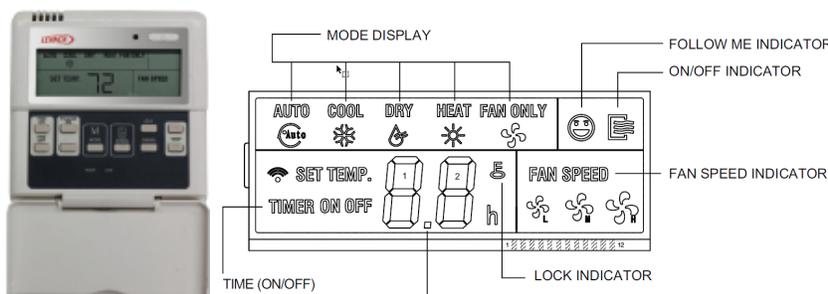
Liquid/Gas O.D. Flare (in.)	1/4 , 1/2
Drain Connection O.D. (in.)	1

WIRED REMOTE CONTROLLER SPECIFICATIONS

M0STAT61Q-1

Input Voltage (V)	5Vdc
Communication Cabling	Factory 4-wire harness
Operating Temperature Range	23°F to 110°F
Operating Humidity Range (RH)	40% ~ 90%
Setpoint Range	62°F ~ 86°F

DISPLAY



INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)

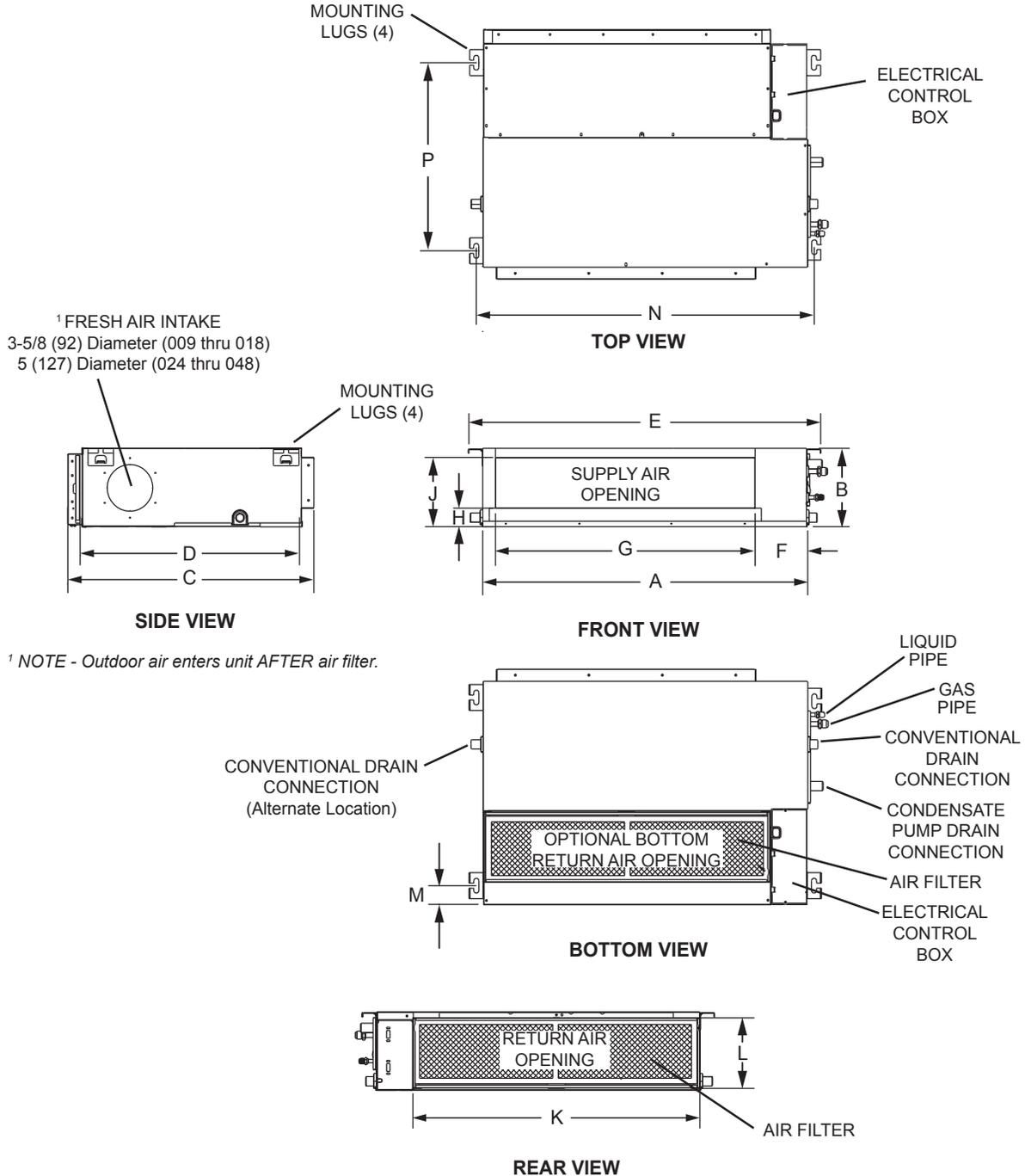
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INDOOR DIMENSIONAL DRAWINGS - INCHES (MM)



¹ NOTE - Outdoor air enters unit AFTER air filter.

Size	A		B		C		D		E		F		G		H	
	in.	mm	in.	mm	in.	mm	in.	mm								
018	34-5/8	879	8-1/4	210	26-1/2	673	23-5/8	600	37-7/8	962	5-1/2	140	27-3/4	705	2	51
	J		K		L		M		N		P					
	in.	mm	in.	mm	in.	mm										
	5-3/8	137	30-3/4	781	7-1/2	191	1-5/8	41	36-1/4	921	20	508				

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